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(54) Title: BIOCONJUGATES OF MANGANESE COMPLEXES AND THEIR APPLICATION AS CATALYSTS

(57) Abstract

Bioconjugates of low molecular weight mimics of superoxide dismutase (SOD) represented by formula (I), wherein R, R', R<sub>1</sub>, R'<sub>1</sub>, R<sub>2</sub>, R'<sub>2</sub>, R<sub>3</sub>, R'<sub>3</sub>, R<sub>4</sub>, R'<sub>4</sub>, R<sub>5</sub>, R'<sub>5</sub>, R<sub>6</sub>, R'<sub>6</sub>, R<sub>7</sub>, R'<sub>7</sub>, R<sub>8</sub>, R'<sub>8</sub>, R<sub>9</sub>, R'<sub>9</sub>, X, Y, Z and n are as defined herein, useful as therapeutic agents for inflammatory disease states and disorders, such as ischemic/reperfusion injury, stroke, atherosclerosis, and all other conditions of oxidant-induced tissue damage or injury.

